



-1125 GGAATTCCTG AAAACACTCA AGTTTAAGTA AAAGGTAGGT AGGGGCACTG GGGTGATAAA
EcoRI GATA-3

-1065 AGAGCTGGAG GGAACACAT GTTTAAAAGA CCGAGGGCTA GGAGGGGTTA AATAGTCAAG
1006E|→

-1005 GATCTTAAAG ACGTCGTCAA TAGCTAGAAT GTGGAGCTGA GACAGGCATT GACGAGATGA

-945 AGTCCGAAGC CTTTTGTCTG CTAAGTCTGC TTCAGACAGA AATCTTTTTG GTTGAAAGTG

-885 ACCACTGATC CACTAAGAAA AAAAAAGAGG TCCTTTTTTG GCTCAGTAGC TAAAACGGCA
|→862E

-825 GGGCTTTCAA GATCAAACAT GTCATTGAGT TTTGACACCT CTCTCATCTT TGCTCTCTTT

-765 GTGTTAGCTT CATTCTTTCT GTGAAATGGT CCCCTGATCT CCCCAGAACA CAGCGTGGAA

-705 GGAACCATTG ATATTGGTTG CTTATGCAGA TCTCAGAACT TTCAAGGCCA CTTTCTTTTC

-645 AGGAGGTCTA GACCTATCTA GCTTAGATTC CCCAGGAGAA TGGCAAGATC TTGGCCTTGT

-585 CTGAGCTTAT GGAAGCAGAG AAGGGGGCAG GTGCAAAAGA CTCTCTTCCA GAACTCCGGA

-525 GAAATTTGCT TTTCAAACT AGACAGCACC CTGCTGCCTA CTAAAGAAGT AGGTCCAAGG

-465 TCCTAATGTG CATATTCTCC GCTATACTCT TAGCTTTCCA GAAACTAGA ATCATCAGTT

-405 TGGGTAAGAA CATAGAGGAA AACAGAAACG CCCCCAACC TACCCCATGT CCAGAGAGCC

-345 TTGACCTACT TGTCTCCCTC CCACTCTCAA CCCTCCAGT CTTGCTTCAA ACCTCTCCAC
283E|→

-285 GTCATGCCCC AACTTCGGAG CATTGAACT CTGAGCAGTG GGGTCGCTTT CGCCTCAAGC
CREB

-225 ACACCCACC TCGGCAGGCC CAGTCAAAGG TCCCTCACAG GGACACCTTT TTTCCCTGG

-165 GATCCCGCGC TTGCCTCCG GGGCGGAGAC TCCTCCCCTA GTAGTTCCAC TGTGTTCC
SP1 E-Box

↓r 133E|→ ↓h

-105 TAGAAGAGCA GCCGGGACGG CAAGAAGCCG GGACCTCCCC CTTCGTTCCA GGAAGTCCCG

-45 CGCAGTGGGC ACTTCAGCCC TGGAGGCCGC GAGCCCCACC CGGGTGAAGG CGGCTGCGCG
+1

+16 GCTTCAGCAC CACGGACAGC GCTCCCGTCC GCAGCCCTTG TGTCAGCGAG CGTCCGGCGT
NRSE/RE1 Eco47III

+76 CGCGCTATGC AGGCGCATGG CCCGGTGCTC CAACTCTATG GCGCTGCTGT TCAGCTTTGG

+136 CCTCCTTTGG CTGTGTTTAC gtaagaatt (SEQ ID NO:22)

FIG. 1